

I.T.S. DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

BDS IInd yr.

DEPARTMENT OF PHARMACOLOGY

SECOND INTERNAL EXAM

MAY, 2016

TOTAL MARKS: 70

PART A

1. Classify anti-hypertensive agents. Discuss the mechanism of action, therapeutic uses, side effects & contraindications of ACE inhibitors. (11)
2. Explain the role of: (3 x 4 = 12)
 - a. Nitrates in Angina.
 - b. Morphine in LVF (left ventricular failure).
 - c. Carbamazepine in Epilepsy.
3. Short notes: (3 x 4 = 12)
 - a. Phenytoin
 - b. Potassium sparing diuretics
 - c. Atypical antidepressants

PART B

1. Classify Local anaesthetics. Discuss the techniques of administration of Local anaesthetics. (10)
2. Discuss the treatment of Status asthmaticus (1 x 5 = 5)
3. Short notes: (3 x 5 = 15)
 - a. Styptics.
 - b. Omeprazole.
 - c. Second generation Antihistaminics.
4. Choose the correct answer. (1 x 5 = 5)
 - a. Treatment of Megaloblastic Anaemia is with:
 - i. folic acid + folinic acid
 - ii. cyanocobalamin + hydroxyl cyanocobalamin
 - iii. folinic acid + methotrexate
 - iv. cyanocobalamin + folic acid
 - b. Preanaesthetic medication drugs exclude:
 - i. diazepam
 - ii. morphine
 - iii. succinylcholine
 - iv. atropine
 - c. Which one of the following is most effective for treatment of motion sickness?
 - i. Hyosine
 - ii. dicyclomine
 - iii. pyridoxine
 - iv. metoclopramide
 - d. The antidote for acute iron poisoning is:
 - i. penicillamine
 - ii. dimercaprol
 - iii. desferrioxamine
 - iv. N-acetylcysteine
 - e. Antidote for Heparin toxicity is:
 - i. Vitamin K
 - ii. Protamine sulphate
 - iii. Procainamide
 - iv. Probenecid



I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

Final Internal Assessment Examination

BDS 2nd year (2014 Batch)

Subject : Pharmacology

Time : 3 hrs

Date : 17.09.2016

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART - A

- Q. 1 Classify β -lactam antibiotics. Write the mechanism of action, therapeutic uses and adverse effects of Cephalosporins. [11]
- Q. 2 Write treatment of the following : [3X4=12]
- a. Peptic ulcer
 - b. Acute angle glaucoma
 - c. Status epilepticus
- Q. 3 Write short notes on (Any three) : [3X4=12]
1. Chloroquine
 2. Uses & adverse effects of Glucocorticoids
 3. Oral hypoglycaemic agent
 4. Draw diagram showing mechanism of action of Anti Microbial Agents (AMAs)



PART - B

- Q. 1 Enumerates of routes of administration of drugs. Write advantages of Parenteral routes. [11]
- Q. 2 Discuss in brief (Any three) : [3X4=12]
- a. Multidrug therapy in Tuberculosis
 - b. Drugs used in oral candidiasis
 - c. Chelating agents
 - d. Obtundants
- Q. 3 Comments on combination : [3X4=12]
1. Lignocaine + Adrenaline
 2. Probenecid + Pencillin
 3. Sulfamethoxazole + Trimethoprim

LIBRARY

I.T.S. Dental College Hospital & Research Centre

I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

First Internal Assessment Examination

BDS 2nd year (2014 Odd Batch)

Subject : Pharmacology

Time : 3 hrs

Date : 04.07.2016

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

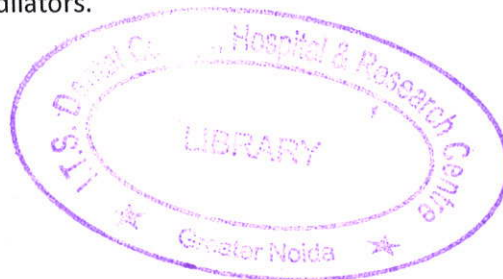
Total marks: 70

PART A

1. Classify Antihypertensive Drugs. Write the mechanism of action, therapeutic uses and adverse effects of ACE inhibitors. (1 x 10 = 10)
2. Write treatment of the following: (2 x 5 = 10)
 - a. Status epilepticus
 - b. Treatment of MI (Myocardial Infarction).
3. Short notes: (3 x 5 = 15)
 - a. High ceiling diuretics
 - b. Benzodiazepines
 - c. Iatrogenic disease

PART B

1. Enumerate Routes of administration of drugs. Write advantages and disadvantages of Parenteral routes (1 x 10 = 10)
2. a. Classify drugs used in bronchial asthma. (2 x 5 = 10)
b. Write the pharmacology of Bronchodilators.
3. Short notes: (3 x 5 = 15)
 - a. Fibrinolytics
 - b. Heparin
 - c. Styptics



I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

Second Internal Assessment Examination

BDS 2nd year (2014 Odd Batch)

Subject : Pharmacology

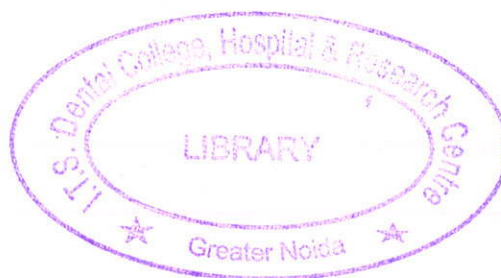
Time : 3 hrs

Date : 17.10.2016

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART - A

- Q. 1 Classify Antihypertensive drugs. Write mechanism of action, therapeutic uses and adverse effects of ACE inhibitors. [11]
- Q. 2 Write drugs treatment of the following : [4X3=12]
- a. Anaphylactic Infarction
 - b. Acute Congestive Glaucoma
 - c. Myocardial Infarction
- Q. 3 Write short notes on : [4X3=12]
1. Oral Anti-diabetic drugs
 2. Potassium sparing diuretics
 3. Glucocorticoids



PART - B

- Q. 1 Classify β -blockers. Write therapeutic uses, adverse effects and contra indication of propranolol. [11]
- Q. 2 Comment on the following combination : [4X3=12]
- a. Penicillin + Probenecid
 - b. Sulfamethoxazole + Trimethoprim
 - c. Adrenaline + Lignocaine
- Q. 3 Write short notes on : [4X3=12]
1. Stryptics
 2. Heparin
 3. Mummifying agents

I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

Final Internal Assessment Examination

BDS 2nd year (2014 Odd Batch)

Subject : Pharmacology

Time : 3 hrs

Date : 03.02.2017

MM:70

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

PART – A

- Q. 1 Classify NSAID's. Describe their mechanism of action, clinical uses and adverse effects. [11]
- Q. 2 Explain why : [4X3=12]
- a. Adrenaline is used for treatment of Anaphylactic shock.
 - b. Ethanol is used for treatment of methyl alcohol poisoning.
 - c. Pantoprazole is used for treatment of peptic ulcer.
- Q. 3 Write therapeutic uses of : [4X3=12]
- a. Glucocorticoids
 - b. Cephalosporins
 - c. Metronidazole

PART – B

- Q. 1 Classify antihypertensive drugs. Write mechanism of action, therapeutic uses and adverse effects of ACE inhibitors. [11]
- Q. 2 Write drug treatment of : [4X3=12]
- a. Myocardial infarction
 - b. Status asthmaticus
 - c. Peptic ulcer due to H. Pylori
- Q. 3 Write drug treatment of :
- d. Loop diuretics
 - e. Mummifying agents
 - f. Sub-lingual route of administration

